



OCT 14 2003

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0623.0730002/LBB/BJD/SJEAPPLICATION NO.
10/024,597APPLICANT
Cottingham *et al.*FILING DATE
December 21, 2001GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
SDP	AN3	WO 97/07668	March 6, 1997	WIPO	—	—	Yes No
SDP	AO3	WO 97/07669	March 6, 1997	WIPO	—	—	Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	13	Palmiter, R.D. <i>et al.</i> , "Dramatic growth of mice that develop from eggs microinjected with metallothionein-growth hormone fusion genes," <i>Nature</i> 300:611-615, MacMillan Journals Ltd. (1982).
SDP	AS	13	Maga, E.A. and Murray, J.D., "Mammary Gland Expression of Transgenes and the Potential for Altering the Properties of Milk," <i>Biotechnol.</i> 13:1452-1458, Nature Publishing Company. (December, 1995).
	AT		

EXAMINER
*Scott D. Prike*DATE CONSIDERED
5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0623.0730002/EKS/BJDAPPLICATION NO.
10/024,597APPLICANT
Cottingham et al.FILING DATE
December 21, 2001GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SDP	AA1	5,322,775	06/21/1994	Clark et al.	435	69.1	11/22/1991
	AB1	5,366,894	11/22/1994	Clark et al.	435	320.1	11/22/1991
	AC1	5,476,995	12/19/1995	Clark et al.	800	2	08/18/1992
	AD1	5,610,053	03/11/1997	Chung et al.	435	172.3	07/29/1994
	AE1	5,620,923	04/15/1997	Rechsteiner et al.	435	69.7	04/03/1992
	AF1	5,650,503	07/22/1997	Archibald et al.	536	23.5	12/20/1994
	AG1	5,827,690	10/27/1998	Meade et al.	435	69.6	12/20/1993
	AH1	5,861,299	01/19/1999	Archibald et al.	435	240.2	11/17/1994
	AI1	6,211,427 B1	04/03/2001	Cottingham et al.	800	7	10/08/1996
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
SDP	AL1	EP 0 181 634 A2	05/21/1986	Europe	—	—	Yes No
	AM1	WO 88/00239 A1	01/14/1988	WIPO	—	—	Yes No
	AN1	WO 90/05188 A1	05/17/1990	WIPO	—	—	Yes No
	AO1	WO 92/11358 A1	07/09/1992	WIPO	—	—	Yes No
	AP1	WO 92/22644 A1	12/23/1992	WIPO	—	—	Abstract only X Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP.	AR	1	Brignon, G. and Ribadeau-Dumas, B., "A new method for human milk protein separation," <i>Biochimie</i> 64:231-235, Masson (1982).
	AS	1	Clark, A.J., et al., "Rescuing Transgene Expression By Co-Integration," <i>Bio/Technol.</i> 10:1450-1454, Nature Publishing Co. (1992).
	AT	1	Curtis, R.A., et al., "Protein-Protein and Protein-Salt Interactions in Aqueous Protein Solutions Containing Concentrated Electrolytes," <i>Biotechnol. Bioeng.</i> 57:11-21, John Wiley & Sons, Inc. (January 1998).

EXAMINER

Scott D. Pich

DATE CONSIDERED

5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0623.0730002/EKS/BJDAPPLICATION NO.
10/024,597APPLICANT
Cottingham et al.FILING DATE
December 21, 2001GROUP
1632U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
SDP	✓	AL2 WO 93/25567 A1	12/23/1993	WIPO	✓	—	Yes No
SDP	✓	AM2 WO 94/04672 A1	03/03/1994	WIPO	✓	—	Yes No
	✓	AN2 EP 0 390 330 A2	04/06/1994	Europe	✓	—	Yes No
SDP	✓	AO2 WO 95/27782 A1	10/19/1995	WIPO	✓	—	Yes No
SDP	✓	AP2 EP 0 771 874 A2	05/07/1997	Europe	✓	—	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	2	During, K. "A Tightly Regulated System for Overproduction of Bacteriophage T4 Lysozyme in <i>Escherichia coli</i> ," Protein. Expr. Purif. 4:412-416, Academic Press, Inc. (1993).
I	AS	2	Eipper, B.A., et al., "The Biosynthesis of Neuropeptides: Peptide α -Amidation," Annu. Rev. Neurosci. 15:57-85, Annual Reviews Inc. (1992).
V	AT	2	Eipper, B.A., et al., "Peptidylglycine α -amidating monooxygenase: A multifunctional protein with catalytic, processing, and routing domains," Protein Sci. 2:489-497, Cambridge University Press (1993).

EXAMINER

Sara D. Prihe

DATE CONSIDERED

5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0623.0730002/EKS/BJDAPPLICATION NO.
10/024,597APPLICANT
Cottingham et al.FILING DATE
December 21, 2001GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
SDP	✓	AL3 WO 97/42835 A1	11/20/1997	WIPO	—	—	Yes No
SDP	✓	AM3 WO 00/29588 A1	05/25/2000	WIPO	—	—	Yes No
		AN					Yes No
		AO					Yes No
		AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	2	Fischer, B., et al., "Physiological consequence of expression of soluble and active hen egg white lysozyme in <i>Escherichia coli</i> ," <i>Appl. Microbiol. Biotechnol.</i> 39:537-540, Springer-Verlag (1993).
↑	AS	2	Goldman, A.S., et al., "Immunologic factors in human milk during the first year of lactation," <i>J. Pediatr.</i> 100:563-567, C.V. Mosby Co. (1982).
↓	AT	2	Han, K.-K., et al., "Current Developments in Chemical Cleavage of Proteins," <i>Int. J. Biochem.</i> 15:875-884, Pergamon Press Ltd. (1983).

EXAMINER

Sara D. Prike

DATE CONSIDERED

5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0623.0730002/EKS/BJD	APPLICATION NO. 10/024,597
	APPLICANT Cottingham et al.	
	FILING DATE December 21, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
SDP	AR	4	Houdebine, L.-M., "Production of pharmaceutical proteins from transgenic animals," J. Biotechnol. 34:269-287, Elsevier Science B.V. (1994).
✓	AS	4	Ibrahimi, I.M., et al., "Determinants for protein translocation across mammalian endoplasmic reticulum. Membrane insertion of truncated and full-length prelysozyme molecules," Eur. J. Biochem. 155:571-576, Springer International (1986).
✓	AT	4	Jacquot, J., et al., "Identification of Different Molecular Forms of Human Airway Lysozyme," Anal. Biochem. 160:227-232, Academic Press, Inc. (1987).

EXAMINER <i>Surt D. Priho</i>	DATE CONSIDERED <i>5/4/04</i>
----------------------------------	----------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0623.0730002/EKS/BJDAPPLICATION NO.
10/024,597APPLICANT
Cottingham et al.FILING DATE
December 21, 2001GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP.	AR	5	Jespers, L., et al., "Overexpression of the phage lambda lysozyme cloned in <i>Escherichia coli</i> : use of a degenerative mixture of synthetic ribosome binding sites and increase of the protein stability in vivo," <i>Protein Eng.</i> 4:485-492, Oxford University Press (1991).
↓	AS	5	Lee, S.H. and de Boer, H.A., "Production of biomedical proteins in the milk of transgenic dairy cows: the state of the art," <i>J. Control. Rel.</i> 29:213-221, Elsevier Science B.V. (1994).
↓	AT	5	Lindahl, L., and Vogel, H.J., "Metal-Ion-Dependent Hydrophobic-Interaction Chromatography of α -Lactalbumins," <i>Anal. Biochem.</i> 140:394-402, Academic Press, Inc. (1984).

EXAMINER

G. D. P. P. P.

DATE CONSIDERED

5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0623.0730002/EKS/BJD	APPLICATION NO. 10/024,597
	APPLICANT Cottingham et al.	
	FILING DATE December 21, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP ↓	AR	6	Lollike, K., et al., "Purification of Lysozyme from Human Neutrophils, and Development of an ELISA for Quantification in Cells and Plasma," <i>Leukemia</i> 9:206-209, Stockton Press (1995).
	AS	6	Lönnerdal, B., et al., "A longitudinal study of the protein, nitrogen, and lactose contents of human milk from Swedish well-nourished mothers," <i>Am. J. Clin. Nutr.</i> 29:1127-1133, American Society of Clinical Nutrition (1976).
	AT	6	McCreath, G.E., et al., "Preparation and use of ion-exchange chromatographic supports based on perfluoropolymers," <i>J. Chrom. A.</i> 773:73-83, Elsevier Science B.V. (1997).

EXAMINER <i>5/28/04 D. P. Riche</i>	DATE CONSIDERED <i>5/4/04</i>
--	----------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0623.0730002/EKS/BJD	APPLICATION NO. 10/024,597
	APPLICANT Cottingham et al.	
	FILING DATE December 21, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP.	AR	2	McKee, C., et al., "Production of biologically active salmon calcitonin in the milk of transgenic rabbits," <i>Nature Biotechnol.</i> 16:647-651, Nature Publishing Co. (July 1998).
↓	AS	2	Noppe, W., et al., "Simple two-step procedure for the preparation of highly active pure equine milk lysozyme," <i>J. Chrom. A</i> 719:327-331, Elsevier Science B.V. (1996).
↓	AT	2	Okun, M.M., et al., "Truncations of a Secretory Protein Define Minimum Lengths Required for Binding to Signal Recognition Particle and Translocation across the Endoplasmic Reticulum Membrane," <i>J. Biol. Chem.</i> 265:7478-7484, American Society for Biochemistry and Molecular Biology, Inc. (1990).

EXAMINER <i>Sgt D. Prine</i>	DATE CONSIDERED <i>5/4/04</i>
---------------------------------	----------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0623.0730002/EKS/BJDAPPLICATION NO.
10/024,597APPLICANT
Cottingham et al.FILING DATE
December 21, 2001GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	8	Paleyanda, R.K., et al., "Transgenic pigs produce functional human factor VIII in milk," Nature Biotechnol. 15:971-975, Nature Publishing Co. (1997).
-	AS	8	Prasad, R.V., et al., "Amino Acid Sequence of Rat α -Lactalbumin: A Unique α -Lactalbumin," Biochemistry 21:1479-1482, American Chemical Society (1982).
V.	AT	8	Pursel, V.G., et al., "Genetic Engineering of Livestock," Science 244:1281-1288, American Association for the Advancement of Science (1989).

EXAMINER

Scott D. Piche

DATE CONSIDERED

5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0623.0730002/EKS/BJD	APPLICATION NO. 10/024,597
	APPLICANT Cottingham et al.	
	FILING DATE December 21, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	2	Pursel, V.G. and Rexroad, C.E. Jr., "Status of Research with Transgenic Farm Animals," J. Anim. Sci. 71:10-19, American Society of Animal Science (1993).
↓	AS	2	Ray, M.V.L., et al., "Production of Recombinant Salmon Calcitonin by In Vitro Amidation of an Escherichia coli Produced Precursor Peptide," Bio/Technol. 11:64-70, Nature Publishing Co. (1993).
↓	AT	2	Sloane, R.P., et al., "Expression and purification of a recombinant metal-binding T4 lysozyme fusion protein," J. Biotechnol. 49:231-238, Elsevier Science B.V. (1996).

EXAMINER <i>Scott D. Priebe</i>	DATE CONSIDERED <i>5/4/04</i>
------------------------------------	----------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0623.0730002/EKS/BJDAPPLICATION NO.
10/024,597APPLICANT
Cottingham et al.FILING DATE
December 21, 2001GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	10	Vachier, M.C., et al., "Isolation of hen egg white lysozyme, ovotransferrin and ovalbumin, using a quaternary ammonium bound to a highly crosslinked agarose matrix," J. Chrom. B. 664:201-210, Elsevier Science B.V. (1995).
I	AS	10	Van Heeke, G., et al., "Gene Fusions with Human Carbonic Anhydrase II for Efficient Expression and Rapid Single-Step Recovery of Recombinant Proteins: Expression of the Escherichia coli F ₁ -ATPase ϵ Subunit," Prot. Exp. Purif. 4:265-274, Academic Press, Inc. (1993).
V	AT	10	Vasstrand, E.N. and Jensen, H.B., "Affinity chromatography of human saliva lysozyme and effect of pH and ionic strength on lytic activity," Scand. J. Dental Res. 88:219-228, Munksgaard (1980).

EXAMINER

Surt D. Prike

DATE CONSIDERED

5/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0623.0730002/EKS/BJD	APPLICATION NO. 10/024,597
	APPLICANT Cottingham et al.	
	FILING DATE December 21, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	11	Vilotte, J.-L., et al., "Efficient tissue-specific expression of bovine α -lactalbumin in transgenic mice," <i>Eur. J. Biochem.</i> 186:43-48, Springer International (1989).
I	AS	11	Winters, M.A., et al., "Protein Purification with Vapor-Phase Carbon Dioxide," <i>Biotechnol. Bioeng.</i> 62:247-258, John Wiley & Sons, Inc. (February 1999).
↓	AT	11	Wold, F., "In Vivo Chemical Modification of Proteins (Post-Translational Modification)," <i>Ann. Rev. Biochem.</i> 50:783-814, Annual Reviews, Inc. (1981).

EXAMINER Scott J. Prike	DATE CONSIDERED 5/4/04
----------------------------	---------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0623.0730002/EKS/BJD	APPLICATION NO. 10/024,597
	APPLICANT Cottingham <i>et al.</i>	
	FILING DATE December 21, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
SDP	AR	<u>12</u>	Wright, G., et al., "High Level Expression of Active Human Alpha-1-Antitrypsin in the Milk of Transgenic Sheep," <i>Bio/Technol.</i> 9:830-834, Nature Publishing Co. (1991).
↓	AS	<u>12</u>	NCBI Entrez, Genbank Accession No. X14008, from Sippel, A.E., National Center for Biotechnology Information (1997).
↓	AT	<u>12</u>	Unverified English language abstract of EP 0 590 530 A2 (Document AN2), Derwent World Patent Index (Dialog File 351), Derwent WPI Acc. No. 94-111012/14, Derwent Info Ltd. (1997).

EXAMINER <i>Scott D. Prike</i>	DATE CONSIDERED <i>5/4/04</i>
--------------------------------	-------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.